MDX-C8900

SONY

US Model
E Model

SERVICE MANUAL

SUPPLEMENT-1

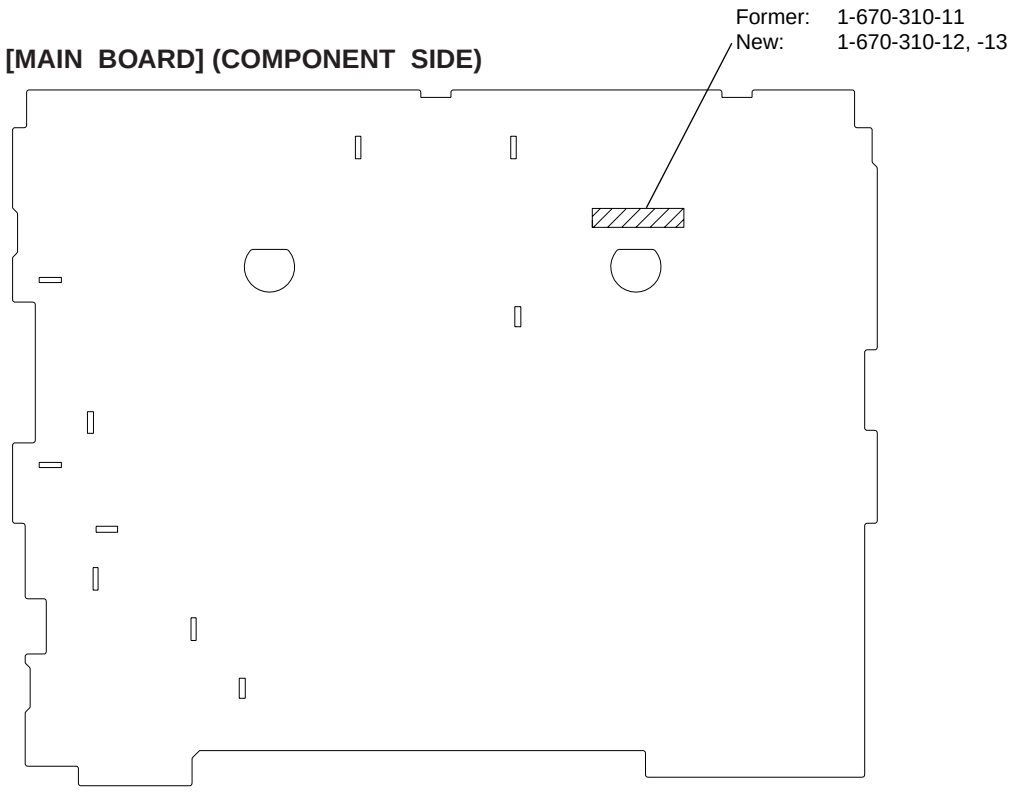
File this supplement with the service manual.

Subject: Main board Modification

(ECN-CSB00088)

1. DISCRIMINATION

[MAIN BOARD] (COMPONENT SIDE)



2. DIAGRAMS

2-1. NOTES FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

Note on Printed Wiring Boards:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ▒▒▒▒ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

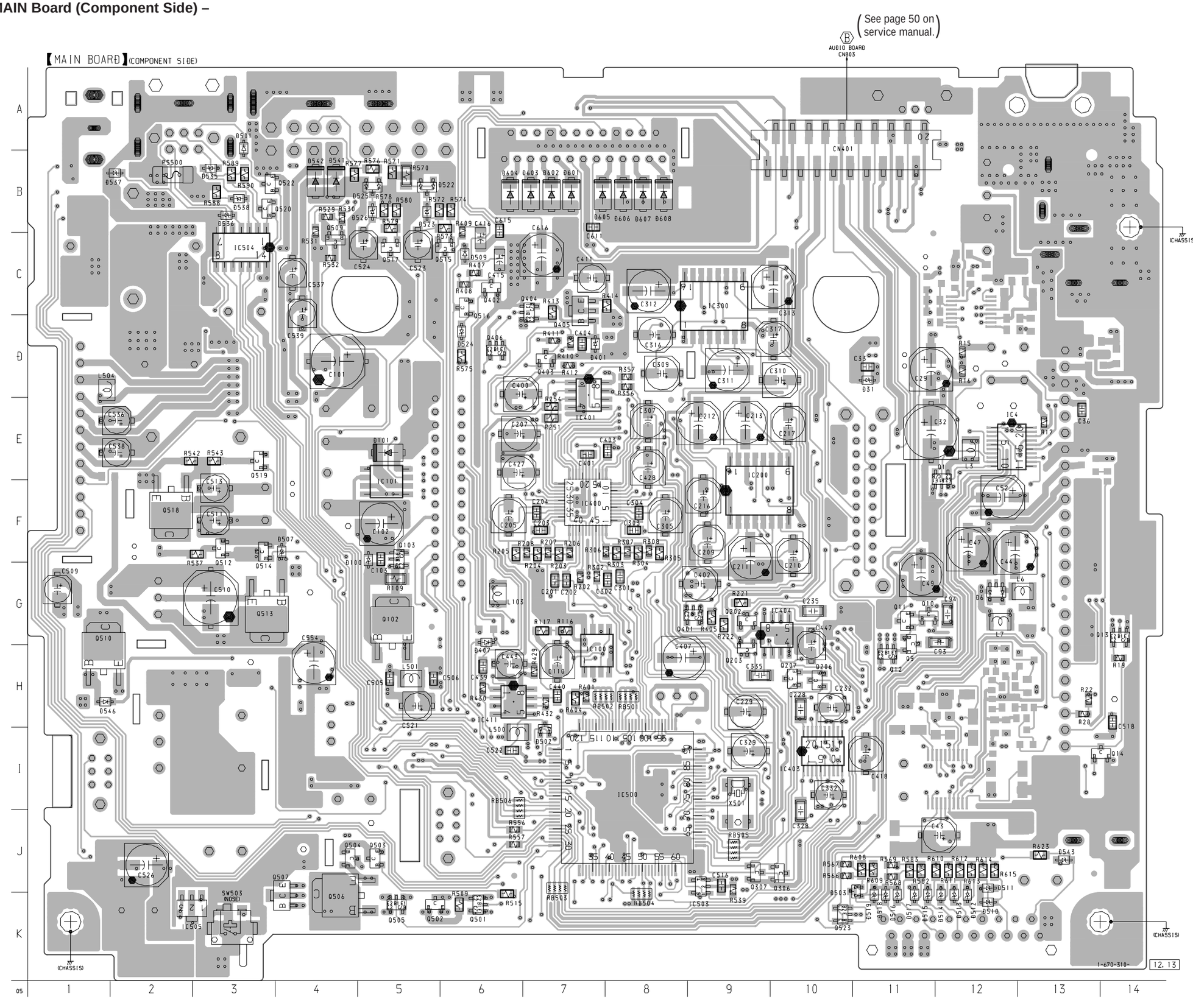
Note on Schematic Diagram:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- B + : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : AM
  ⟨⟨ ⟩⟩ : MD PLAY
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM
  ➡ : AM
  Σ : MD

2-2. PRINTED WIRING BOARD – MAIN Board (Component Side) –

- **Semiconductor Location (Component Side)**

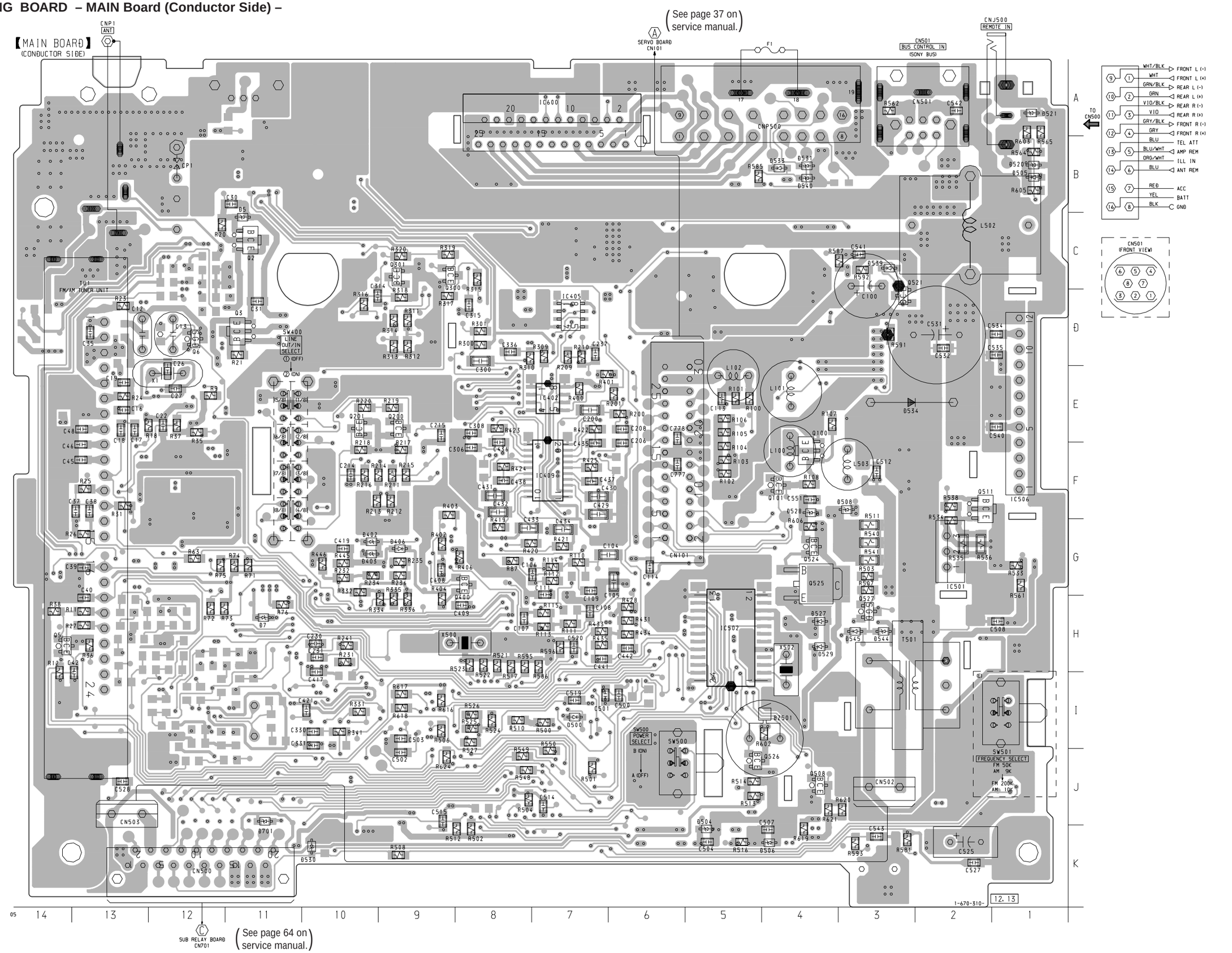
Ref. No.	Location	Ref. No.	Location
D6	G-12	IC401	E-7
D31	D-11	IC403	I-10
D100	F-5	IC404	G-10
D101	E-5	IC411	H-6
D401	D-7	IC500	I-8
D407	G-6	IC503	J-9
D501	A-3	IC504	C-3
D502	I-7	IC505	K-2
D503	K-11		
D507	F-4	Q1	E-12
D509	C-6	Q9	H-11
D510	K-12	Q10	G-11
D511	J-12	Q12	H-11
D512	K-12	Q13	G-14
D513	K-12	Q14	I-14
D514	K-12	Q102	G-5
D515	K-11	Q103	F-5
D516	K-11	Q202	G-9
D517	K-11	Q203	H-9
D518	K-11	Q206	H-10
D519	K-11	Q207	H-10
D522	B-5	Q306	J-10
D523	B-5	Q307	J-9
D524	D-6	Q401	G-9
D525	B-5	Q402	C-6
D526	B-5	Q403	D-7
D535	B-3	Q404	C-7
D536	B-3	Q405	C-7
D537	B-2	Q406	D-6
D538	B-3	Q501	K-6
D541	B-4	Q502	K-5
D542	B-4	Q503	J-5
D543	J-13	Q504	J-4
D546	H-1	Q505	K-5
D601	B-7	Q506	K-4
D602	B-7	Q507	K-4
D603	B-7	Q509	C-4
D604	B-6	Q510	H-1
D605	B-7	Q512	F-3
D606	B-8	Q513	G-3
D607	B-8	Q514	F-3
D608	B-8	Q515	C-6
		Q516	C-6
IC4	E-12	Q517	C-5
IC100	H-7	Q518	F-2
IC101	E-5	Q519	E-3
IC200	F-9	Q520	B-3
IC300	C-9	Q522	B-3
IC400	F-7	Q523	K-10



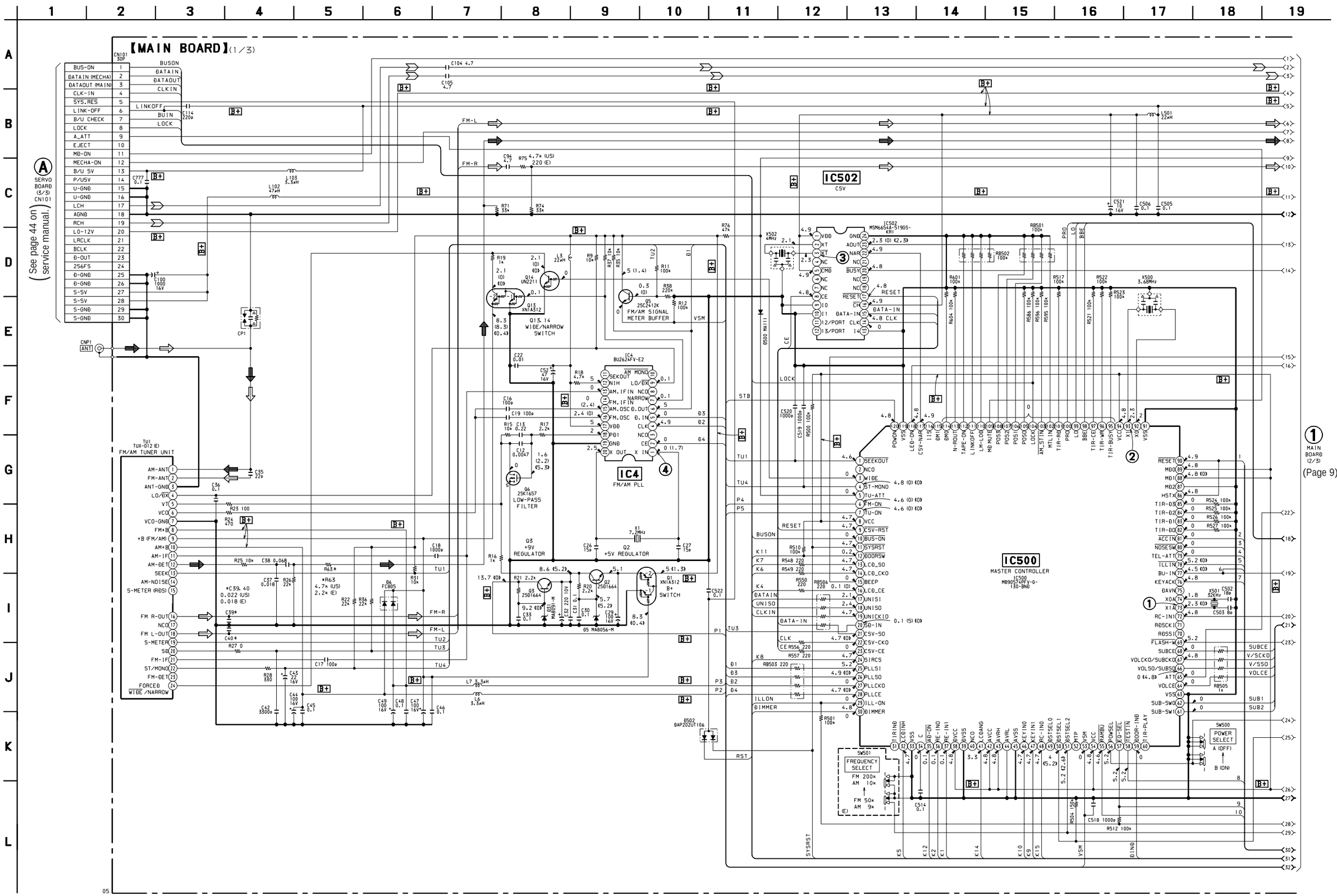
2-3. PRINTED WIRING BOARD – MAIN Board (Conductor Side) –

- **Semiconductor Location (Conductor Side)**

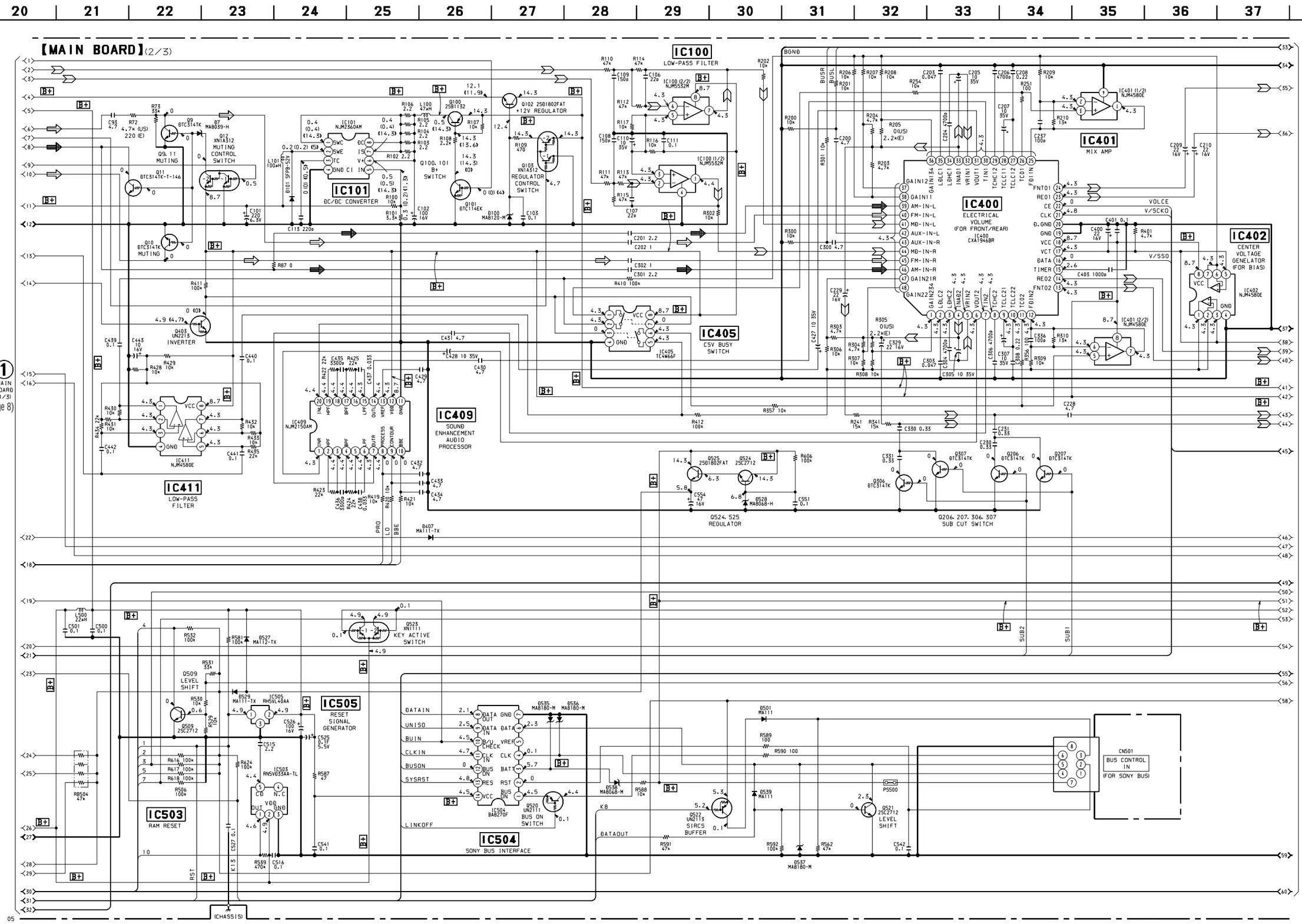
Ref. No.	Location
D5	C-11
D7	H-11
D402	G-10
D403	G-10
D406	G-9
D500	I-7
D504	K-5
D505	B-1
D506	K-4
D508	F-3
D520	B-1
D521	A-1
D527	H-4
D528	F-4
D529	H-4
D530	K-10
D531	B-4
D533	B-4
D534	E-3
D539	C-3
D540	B-4
D544	H-3
D545	H-3
D701	J-11
IC402	E-7
IC405	D-7
IC409	F-7
IC501	G-2
IC502	H-5
IC506	F-1
IC600	A-7
Q2	C-11
Q3	D-11
Q5	H-14
Q6	D-12
Q100	F-4
Q101	F-4
Q200	E-9
Q201	E-10
Q300	C-9
Q301	C-9
Q400	G-8
Q508	J-4
Q511	F-2
Q521	D-3
Q524	G-4
Q525	G-4
Q526	J-5
Q527	H-3



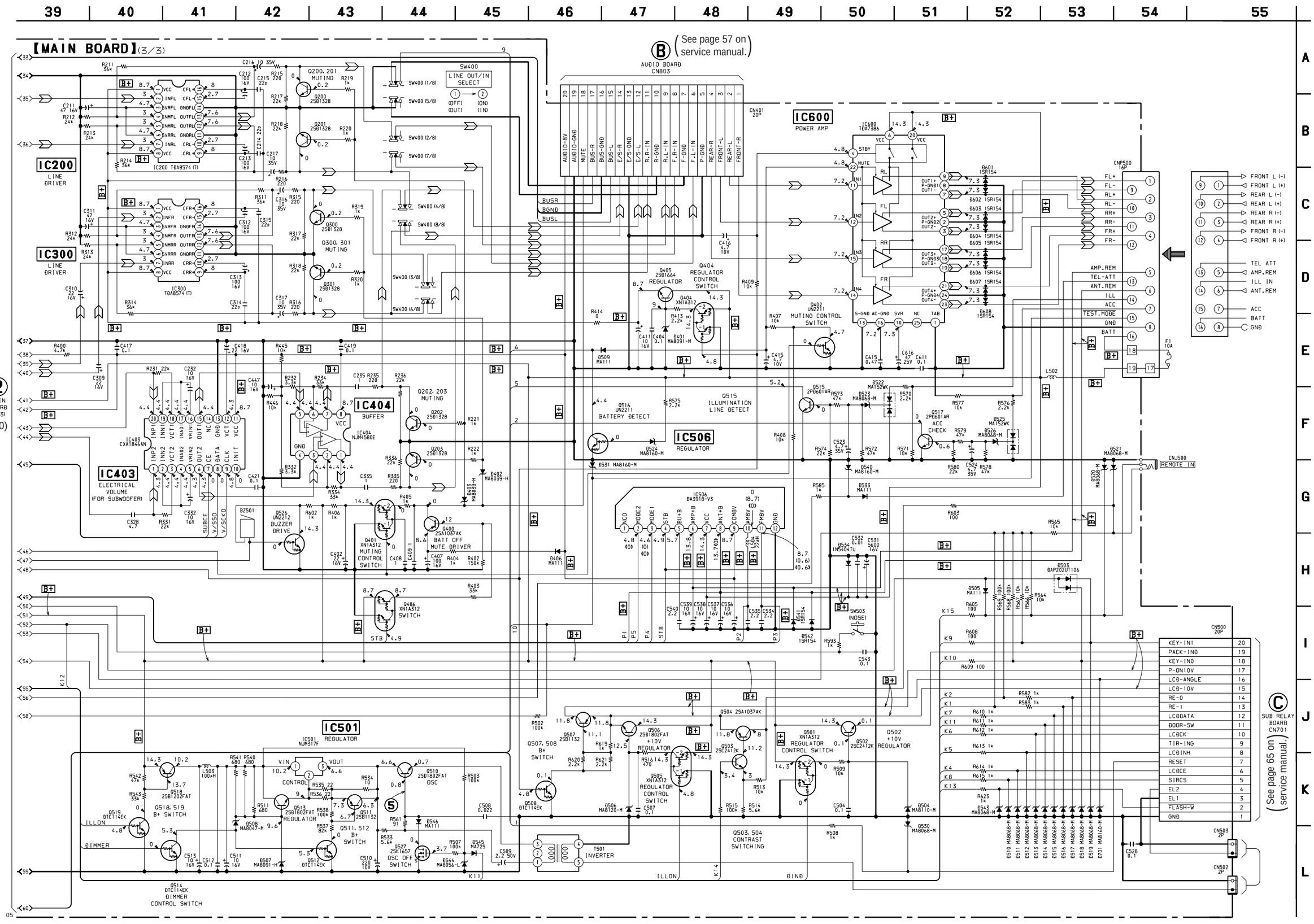
2-4. SCHEMATIC DIAGRAM – MAIN Section (1/3) –



2-5. SCHEMATIC DIAGRAM – MAIN Section (2/3) –



2-6. SCHEMATIC DIAGRAM – MAIN Section (3/3) –



3. ELECTRICAL PARTS LIST

MAIN

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- (-12): Board part number suffix -12.
  (-13): Board part number suffix -13.
- Items marked "*" are not stocked since they are seldom required for routine service.
  Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
*	A-3294-452-A	MAIN BOARD, COMPLETE (US)			
*	A-3294-453-A	MAIN BOARD, COMPLETE (E)			
		**********			
*	3-011-078-01	BRACKET (POWER IC)			
*	3-022-317-01	BRACKET (AMP)			
*	3-025-481-01	HEAT SINK			
*	3-029-078-01	HEAT SINK			
	7-685-792-09	SCREW +PTT 2.6X6 (S)			
	7-685-794-09	SCREW +PTT 2.6X10 (S)			
		< BUZZER >			
BZ501	1-504-920-11	BUZZER			
		< CAPACITOR >			
C12	1-104-683-11	MYLAR	0.0047uF	5%	50V
C13	1-136-169-00	FILM	0.22uF	5%	50V
C16	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C17	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C18	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C19	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C22	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C26	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C27	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C29	1-117-681-11	ELECT CHIP	100uF	20%	16V
C30	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C31	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C32	1-128-394-11	ELECT CHIP	220uF	20%	10V
C33	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C35	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C36	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C37	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V
C38	1-164-344-11	CERAMIC CHIP	0.068uF	10%	25V
C39	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V(E)
C39	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V(US)
C40	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V(E)
C40	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V(US)
C42	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C43	1-126-395-11	ELECT	22uF	20%	16V
C44	1-117-681-11	ELECT CHIP	100uF	20%	16V
C45	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C46	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C47	1-117-681-11	ELECT CHIP	100uF	20%	16V
C48	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C49	1-117-681-11	ELECT CHIP	100uF	20%	16V
C52	1-126-204-11	ELECT CHIP	47uF	20%	16V
C93	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C94	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C100	1-126-767-11	ELECT	1000uF	20%	16V
C101	1-128-390-11	ELECT CHIP	220uF	20%	6.3V
C102	1-117-681-11	ELECT CHIP	100uF	20%	16V
C103	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C104	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C105	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C106	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C107	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C108	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C109	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C110	1-126-200-11	ELECT CHIP	10uF	20%	35V
C111	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C113	1-163-259-00	CERAMIC CHIP	220PF	5%	50V
C114	1-163-259-00	CERAMIC CHIP	220PF	5%	50V
C200	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C201	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C202	1-164-346-11	CERAMIC CHIP	1uF		16V
C203	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C204	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C205	1-126-200-11	ELECT CHIP	10uF	20%	35V
C206	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C207	1-126-200-11	ELECT CHIP	10uF	20%	35V
C208	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C209	1-126-395-11	ELECT	22uF	20%	16V
C210	1-126-395-11	ELECT	22uF	20%	16V
C211	1-126-204-11	ELECT CHIP	47uF	20%	16V
C212	1-117-681-11	ELECT CHIP	100uF	20%	16V
C213	1-117-681-11	ELECT CHIP	100uF	20%	16V
C214	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C215	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C216	1-126-200-11	ELECT CHIP	10uF	20%	35V
C217	1-126-200-11	ELECT CHIP	10uF	20%	35V
C228	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C229	1-126-395-11	ELECT	22uF	20%	16V
C230	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C231	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V

MAIN

Ref. No.	Part No.	Description			Remark
C232	1-124-779-00	ELECT CHIP	10uF	20%	16V
C235	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C237	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C300	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C301	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C302	1-164-346-11	CERAMIC CHIP	1uF		16V
C303	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C304	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C305	1-126-200-11	ELECT CHIP	10uF	20%	35V
C306	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C307	1-126-200-11	ELECT CHIP	10uF	20%	35V
C308	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C309	1-126-395-11	ELECT	22uF	20%	16V
C310	1-126-395-11	ELECT	22uF	20%	16V
C311	1-126-204-11	ELECT CHIP	47uF	20%	16V
C312	1-117-681-11	ELECT CHIP	100uF	20%	16V
C313	1-117-681-11	ELECT CHIP	100uF	20%	16V
C314	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C315	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C316	1-126-200-11	ELECT CHIP	10uF	20%	35V
C317	1-126-200-11	ELECT CHIP	10uF	20%	35V
C328	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C329	1-126-395-11	ELECT	22uF	20%	16V
C330	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C331	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C332	1-124-779-00	ELECT CHIP	10uF	20%	16V
C335	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C336	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C400	1-126-395-11	ELECT	22uF	20%	16V
C401	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C402	1-126-395-11	ELECT	22uF	20%	16V
C403	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C404	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C407	1-117-681-11	ELECT CHIP	100uF	20%	16V
C408	1-164-346-11	CERAMIC CHIP	1uF		16V
C409	1-164-346-11	CERAMIC CHIP	1uF		16V
C411	1-124-779-00	ELECT CHIP	10uF	20%	16V
C415	1-135-210-11	TANTALUM CHIP	4.7uF	20%	10V
C416	1-135-210-11	TANTALUM CHIP	4.7uF	20%	10V
C417	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C418	1-126-395-11	ELECT	22uF	20%	16V
C419	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C421	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C427	1-126-200-11	ELECT CHIP	10uF	20%	35V
C428	1-126-200-11	ELECT CHIP	10uF	20%	35V
C429	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C430	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C431	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C432	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C433	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C434	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C435	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C436	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C437	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V
C438	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V
C439	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C440	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C441	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C442	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C443	1-124-779-00	ELECT CHIP	10uF	20%	16V
C447	1-124-779-00	ELECT CHIP	10uF	20%	16V
C500	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C501	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C502	1-163-233-11	CERAMIC CHIP	18PF	5%	50V
C503	1-163-091-00	CERAMIC CHIP	8PF		50V
C504	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C505	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C506	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C507	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C508	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C509	1-126-601-11	ELECT CHIP	2.2uF	20%	50V
C510	1-128-394-11	ELECT CHIP	220uF	20%	10V
C511	1-124-779-00	ELECT CHIP	10uF	20%	16V
C512	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C513	1-124-779-00	ELECT CHIP	10uF	20%	16V
C514	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C515	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C516	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C518	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C519	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C520	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C521	1-124-779-00	ELECT CHIP	10uF	20%	16V
C522	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C523	1-126-603-11	ELECT CHIP	4.7uF	20%	35V
C524	1-126-603-11	ELECT CHIP	4.7uF	20%	35V
C525	1-125-710-11	DOUBLE LAYER	0.1F	0	5.5V
C526	1-117-681-11	ELECT CHIP	100uF	20%	16V
C527	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C528	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C531	1-111-233-11	ELECT	5600uF	20%	16V
C532	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C534	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C535	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C536	1-124-779-00	ELECT CHIP	10uF	20%	16V
C537	1-124-779-00	ELECT CHIP	10uF	20%	16V
C538	1-124-779-00	ELECT CHIP	10uF	20%	16V
C539	1-124-779-00	ELECT CHIP	10uF	20%	16V
C540	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C541	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C542	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C543	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C551	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C554	1-126-204-11	ELECT CHIP	47uF	20%	16V
C611	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C615	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C616	1-128-400-11	ELECT CHIP	47uF	20%	25V
C777	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C778	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR/JACK >			
CN101	1-764-617-12	PIN, CONNECTOR (PC BOARD) 30P			
CN401	1-779-856-21	CONNECTOR, BOARD TO BOARD 20P			

Ref. No.	Part No.	Description	Remark
CN500	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P	
CN501	1-580-907-31	PLUG, CONNECTOR (BUS CONTROL IN)	
CN502	1-778-293-11	PLUG (MICRO CONNECTOR) 2P	
CN503	1-778-293-11	PLUG (MICRO CONNECTOR) 2P	
CNJ500	1-566-822-41	JACK (REMOTE IN)	
CNP1	1-764-808-21	JACK (ANT)	
CNP500	1-774-701-11	PIN, CONNECTOR 16P	
		< DISCHAGE GAP >	
CP1	1-519-504-11	GAP, DISCHARGE	
		< DIODE >	
D5	8-719-977-03	DIODE DTZ5.6B	
D6	8-719-981-59	DIODE FC805	
D7	8-719-421-24	DIODE MA8039-H	
D31	8-719-422-97	DIODE MA8091-M	
D100	8-719-423-32	DIODE MA8120-M	
D101	8-719-313-73	DIODE SFPB-52	
D401	8-719-422-97	DIODE MA8091-M	
D402	8-719-421-24	DIODE MA8039-H	
D403	8-719-421-24	DIODE MA8039-H	
D406	8-719-073-01	DIODE MA111-TX	
D407	8-719-073-01	DIODE MA111-TX	
D500	8-719-073-01	DIODE MA111-TX	
D501	8-719-073-01	DIODE MA111-TX	
D502	8-719-941-09	DIODE DAP202U	
D503	8-719-941-09	DIODE DAP202U	
D504	8-719-423-23	DIODE MA8110-M	
D505	8-719-073-01	DIODE MA111-TX	
D506	8-719-423-32	DIODE MA8120-M	
D507	8-719-422-97	DIODE MA8091-M	
D508	8-719-422-31	DIODE MA8047-M	
D509	8-719-073-01	DIODE MA111-TX	
D510	8-719-977-12	DIODE DTZ6.8B	
D511	8-719-977-12	DIODE DTZ6.8B	
D512	8-719-977-12	DIODE DTZ6.8B	
D513	8-719-977-12	DIODE DTZ6.8B	
D514	8-719-977-12	DIODE DTZ6.8B	
D515	8-719-977-12	DIODE DTZ6.8B	
D516	8-719-977-12	DIODE DTZ6.8B	
D517	8-719-977-12	DIODE DTZ6.8B	
D518	8-719-977-12	DIODE DTZ6.8B	
D519	8-719-977-12	DIODE DTZ6.8B	
D520	8-719-977-12	DIODE DTZ6.8B	
D521	8-719-977-12	DIODE DTZ6.8B	
D522	8-719-801-78	DIODE 1SS184	
D523	8-719-977-12	DIODE DTZ6.8B	
D524	8-719-022-90	DIODE MA8160M	
D525	8-719-801-78	DIODE 1SS184	
D526	8-719-977-12	DIODE DTZ6.8B	
D527	8-719-067-56	DIODE MA112-TX	
D528	8-719-017-67	DIODE MA8068H	
D529	8-719-073-01	DIODE MA111-TX	
D530	8-719-977-12	DIODE DTZ6.8B	
D531	8-719-022-90	DIODE MA8160M	
D533	8-719-073-01	DIODE MA111-TX	
D534	8-719-049-38	DIODE 1N5404TU	
D535	8-719-057-80	DIODE MA8160-M-TX	
D536	8-719-057-80	DIODE MA8160-M-TX	
D537	8-719-057-80	DIODE MA8160-M-TX	
D538	8-719-977-12	DIODE DTZ6.8B	
D539	8-719-073-01	DIODE MA111-TX	
D540	8-719-022-90	DIODE MA8160M	
D541	8-719-053-18	DIODE 1SR154-400TE-25	
D542	8-719-053-18	DIODE 1SR154-400TE-25	
D543	8-719-977-12	DIODE DTZ6.8B	
D544	8-719-422-49	DIODE MA8056-L	
D545	8-719-420-51	DIODE MA729	
D546	8-719-073-01	DIODE MA111-TX	
D601	8-719-053-18	DIODE 1SR154-400TE-25	
D602	8-719-053-18	DIODE 1SR154-400TE-25	
D603	8-719-053-18	DIODE 1SR154-400TE-25	
D604	8-719-053-18	DIODE 1SR154-400TE-25	
D605	8-719-053-18	DIODE 1SR154-400TE-25	
D606	8-719-053-18	DIODE 1SR154-400TE-25	
D607	8-719-053-18	DIODE 1SR154-400TE-25	
D608	8-719-053-18	DIODE 1SR154-400TE-25	
D701	8-719-022-90	DIODE MA8160M	
		< IC >	
IC4	8-759-448-85	IC BU2624FV-E2	
IC100	8-759-700-94	IC NJM5532M	
IC101	8-759-337-67	IC NJM2360AM (TE2)	
IC200	8-759-444-50	IC TDA8574 (T)	
IC300	8-759-444-50	IC TDA8574 (T)	
IC400	8-752-082-16	IC CXA1946BR	
IC401	8-759-711-82	IC NJM4580E	
IC402	8-759-711-82	IC NJM4580E	
IC403	8-752-083-07	IC CXA1846AN-T4	
IC404	8-759-711-82	IC NJM4580E	
IC405	8-759-242-66	IC TC4W66F	
IC409	8-759-537-12	IC NJM2150AM (TE2)	
IC411	8-759-711-82	IC NJM4580E	
IC500	8-759-541-66	IC MB90574PFV-G-130-BND	
IC501	8-759-495-75	IC NJM317F	
IC502	8-759-530-58	IC MSM6654A-519GS-KR1	
IC503	8-759-495-76	IC RN5VD33AA-TL	
IC504	8-759-449-89	IC BA8270F-E2	
IC505	8-759-443-41	IC RH5VL40AA-T1C	
IC506	8-759-347-50	IC BA3918-V3	
IC600	8-759-486-44	IC TDA7386	
		< COIL >	
L3	1-412-060-11	INDUCTOR CHIP 22uH	
L6	1-412-055-11	INDUCTOR CHIP 3.3uH	
L7	1-412-055-11	INDUCTOR CHIP 3.3uH	
L100	1-412-533-21	INDUCTOR 47uH	
L101	1-412-537-31	INDUCTOR 100uH (-12)	
L101	1-416-909-11	INDUCTOR 100uH (-13)	
L102	1-412-533-21	INDUCTOR 47uH	
L103	1-412-055-11	INDUCTOR CHIP 3.3uH	
L500	1-412-060-11	INDUCTOR CHIP 22uH	
L501	1-412-060-11	INDUCTOR CHIP 22uH	
L502	1-416-712-21	COIL, CHOKE	

MAIN

Ref. No.	Part No.	Description	Remark
L503	1-412-537-31	INDUCTOR 100uH	
L504	1-412-060-11	INDUCTOR CHIP 22uH	
		< IC LINK >	
PS500	1-533-829-21	FUSE, CHIP	
		< TRANSISTOR >	
Q1	8-729-020-67	TRANSISTOR XN1A312-TX	
Q2	8-729-920-85	TRANSISTOR 2SD1664-QR	
Q3	8-729-920-85	TRANSISTOR 2SD1664-QR	
Q5	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q6	8-729-021-94	FET 2SK1657-T1B	
Q9	8-729-920-21	TRANSISTOR DTC314TKH04	
Q10	8-729-920-21	TRANSISTOR DTC314TKH04	
Q11	8-729-920-21	TRANSISTOR DTC314TKH04	
Q12	8-729-020-67	TRANSISTOR XN1A312-TX	
Q13	8-729-020-67	TRANSISTOR XN1A312-TX	
Q14	8-729-421-22	TRANSISTOR UN2211	
Q100	8-729-106-60	TRANSISTOR 2SB1115A	
Q101	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q102	8-729-807-12	TRANSISTOR 2SD1802-S	
Q103	8-729-020-67	TRANSISTOR XN1A312-TX	
Q200	8-729-400-55	TRANSISTOR 2SD1328-S	
Q201	8-729-400-55	TRANSISTOR 2SD1328-S	
Q202	8-729-400-55	TRANSISTOR 2SD1328-S	
Q203	8-729-400-55	TRANSISTOR 2SD1328-S	
Q206	8-729-920-21	TRANSISTOR DTC314TKH04	
Q207	8-729-920-21	TRANSISTOR DTC314TKH04	
Q300	8-729-400-55	TRANSISTOR 2SD1328-S	
Q301	8-729-400-55	TRANSISTOR 2SD1328-S	
Q306	8-729-920-21	TRANSISTOR DTC314TKH04	
Q307	8-729-920-21	TRANSISTOR DTC314TKH04	
Q400	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q401	8-729-020-67	TRANSISTOR XN1A312-TX	
Q402	8-729-421-22	TRANSISTOR UN2211	
Q403	8-729-421-19	TRANSISTOR UN2213	
Q404	8-729-020-67	TRANSISTOR XN1A312-TX	
Q405	8-729-920-85	TRANSISTOR 2SD1664-QR	
Q406	8-729-020-67	TRANSISTOR XN1A312-TX	
Q501	8-729-020-67	TRANSISTOR XN1A312-TX	
Q502	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q503	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q504	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q505	8-729-020-67	TRANSISTOR XN1A312-TX	
Q506	8-729-807-12	TRANSISTOR 2SD1802-S	
Q507	8-729-106-60	TRANSISTOR 2SB1115A	
Q508	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q509	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q510	8-729-807-12	TRANSISTOR 2SD1802-S	
Q511	8-729-106-60	TRANSISTOR 2SB1115A	
Q512	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q513	8-729-807-12	TRANSISTOR 2SD1802-S	
Q514	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q515	8-729-422-33	TRANSISTOR 2PD601AR-115	
Q516	8-729-421-22	TRANSISTOR UN2211	
Q517	8-729-422-33	TRANSISTOR 2PD601AR-115	
Q518	8-729-822-84	TRANSISTOR 2SB1202FAST	
Q519	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q520	8-729-424-08	TRANSISTOR UN2111	
Q521	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q522	8-729-424-18	TRANSISTOR UN2113-TX	
Q523	8-729-024-31	TRANSISTOR XN1111-TX	
Q524	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q525	8-729-807-12	TRANSISTOR 2SD1802-S	
Q526	8-729-424-59	TRANSISTOR UN2212	
Q527	8-729-021-94	FET 2SK1657-T1B	
		< RESISTOR >	
R9	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R11	1-216-097-00	RES, CHIP 100K 5% 1/10W	
R12	1-216-097-00	RES, CHIP 100K 5% 1/10W	
R15	1-216-833-11	METAL CHIP 10K 5% 1/16W	
R16	1-216-821-11	METAL CHIP 1K 5% 1/16W	
R17	1-216-825-11	METAL CHIP 2.2K 5% 1/16W	
R18	1-216-065-00	RES, CHIP 4.7K 5% 1/10W	
R19	1-216-821-11	METAL CHIP 1K 5% 1/16W	
R20	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R21	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R22	1-216-837-11	METAL CHIP 22K 5% 1/16W	
R23	1-216-025-00	RES, CHIP 100 5% 1/10W	
R24	1-216-041-00	METAL CHIP 470 5% 1/10W	
R25	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R26	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R27	1-216-295-00	SHORT 0	
R28	1-216-815-11	METAL CHIP 330 5% 1/16W	
R31	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R35	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R36	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R37	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R38	1-216-105-00	RES, CHIP 220K 5% 1/10W	
R63	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	(E)
R63	1-216-065-00	RES, CHIP 4.7K 5% 1/10W	(US)
R71	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R72	1-216-033-00	METAL CHIP 220 5% 1/10W	(E)
R72	1-216-065-00	RES, CHIP 4.7K 5% 1/10W	(US)
R73	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R74	1-216-085-00	METAL CHIP 33K 5% 1/10W	
R75	1-216-033-00	METAL CHIP 220 5% 1/10W	(E)
R75	1-216-065-00	RES, CHIP 4.7K 5% 1/10W	(US)
R76	1-216-089-00	RES, CHIP 47K 5% 1/10W	
R87	1-216-295-00	SHORT 0	
R100	1-216-675-11	METAL CHIP 10K 0.5% 1/10W	
R101	1-216-663-11	METAL CHIP 3.3K 0.5% 1/10W	
R102	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R103	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R104	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R105	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R106	1-216-298-00	METAL CHIP 2.2 5% 1/10W	
R107	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R108	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	

Ref. No.	Part No.	Description			Remark
R109	1-216-190-00	RES, CHIP	470	5%	1/8W
R110	1-216-089-00	RES, CHIP	47K	5%	1/10W
R111	1-216-089-00	RES, CHIP	47K	5%	1/10W
R112	1-216-089-00	RES, CHIP	47K	5%	1/10W
R113	1-216-089-00	RES, CHIP	47K	5%	1/10W
R114	1-216-089-00	RES, CHIP	47K	5%	1/10W
R115	1-216-089-00	RES, CHIP	47K	5%	1/10W
R116	1-216-073-00	METAL CHIP	10K	5%	1/10W
R117	1-216-073-00	METAL CHIP	10K	5%	1/10W
R200	1-216-073-00	METAL CHIP	10K	5%	1/10W
R201	1-216-073-00	METAL CHIP	10K	5%	1/10W
R202	1-216-833-11	METAL CHIP	10K	5%	1/16W
R203	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R204	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R205	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
					(E)
R205	1-216-295-00	SHORT	0 (US)		
R206	1-216-833-11	METAL CHIP	10K	5%	1/16W
R207	1-216-833-11	METAL CHIP	10K	5%	1/16W
R208	1-216-833-11	METAL CHIP	10K	5%	1/16W
R209	1-216-073-00	METAL CHIP	10K	5%	1/10W
R210	1-216-076-00	METAL CHIP	13K	5%	1/10W
R211	1-216-086-00	RES, CHIP	36K	5%	1/10W
R212	1-216-082-00	RES, CHIP	24K	5%	1/10W
R213	1-216-082-00	RES, CHIP	24K	5%	1/10W
R214	1-216-086-00	RES, CHIP	36K	5%	1/10W
R215	1-216-033-00	METAL CHIP	220	5%	1/10W
R216	1-216-033-00	METAL CHIP	220	5%	1/10W
R217	1-216-081-00	METAL CHIP	22K	5%	1/10W
R218	1-216-081-00	METAL CHIP	22K	5%	1/10W
R219	1-216-049-11	RES, CHIP	1K	5%	1/10W
R220	1-216-049-11	RES, CHIP	1K	5%	1/10W
R221	1-216-049-11	RES, CHIP	1K	5%	1/10W
R222	1-216-049-11	RES, CHIP	1K	5%	1/10W
R231	1-216-081-00	METAL CHIP	22K	5%	1/10W
R232	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R234	1-216-085-00	METAL CHIP	33K	5%	1/10W
R235	1-216-033-00	METAL CHIP	220	5%	1/10W
R236	1-216-081-00	METAL CHIP	22K	5%	1/10W
R241	1-216-077-00	METAL CHIP	15K	5%	1/10W
R251	1-216-025-00	RES, CHIP	100	5%	1/10W
R254	1-216-073-00	METAL CHIP	10K	5%	1/10W
R300	1-216-073-00	METAL CHIP	10K	5%	1/10W
R301	1-216-073-00	METAL CHIP	10K	5%	1/10W
R302	1-216-833-11	METAL CHIP	10K	5%	1/16W
R303	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R304	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R305	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
					(E)
R305	1-216-295-00	SHORT	0 (US)		
R306	1-216-833-11	METAL CHIP	10K	5%	1/16W
R307	1-216-833-11	METAL CHIP	10K	5%	1/16W
R308	1-216-833-11	METAL CHIP	10K	5%	1/16W
R309	1-216-073-00	METAL CHIP	10K	5%	1/10W
R310	1-216-076-00	METAL CHIP	13K	5%	1/10W
R311	1-216-086-00	RES, CHIP	36K	5%	1/10W
R312	1-216-082-00	RES, CHIP	24K	5%	1/10W
R313	1-216-082-00	RES, CHIP	24K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R314	1-216-086-00	RES, CHIP	36K	5%	1/10W
R315	1-216-033-00	METAL CHIP	220	5%	1/10W
R316	1-216-033-00	METAL CHIP	220	5%	1/10W
R317	1-216-081-00	METAL CHIP	22K	5%	1/10W
R318	1-216-081-00	METAL CHIP	22K	5%	1/10W
R319	1-216-049-11	RES, CHIP	1K	5%	1/10W
R320	1-216-049-11	RES, CHIP	1K	5%	1/10W
R331	1-216-081-00	METAL CHIP	22K	5%	1/10W
R332	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R334	1-216-085-00	METAL CHIP	33K	5%	1/10W
R335	1-216-033-00	METAL CHIP	220	5%	1/10W
R336	1-216-081-00	METAL CHIP	22K	5%	1/10W
R341	1-216-077-00	METAL CHIP	15K	5%	1/10W
R356	1-216-809-11	METAL CHIP	100	5%	1/16W
R357	1-216-833-11	METAL CHIP	10K	5%	1/16W
R400	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R401	1-216-065-00	RES, CHIP	4.7K	5%	1/10W
R402	1-216-101-00	METAL CHIP	150K	5%	1/10W
R403	1-216-085-00	METAL CHIP	33K	5%	1/10W
R404	1-216-049-11	RES, CHIP	1K	5%	1/10W
R405	1-216-049-11	RES, CHIP	1K	5%	1/10W
R406	1-216-049-11	RES, CHIP	1K	5%	1/10W
R407	1-216-833-11	METAL CHIP	10K	5%	1/16W
R408	1-216-833-11	METAL CHIP	10K	5%	1/16W
R409	1-216-833-11	METAL CHIP	10K	5%	1/16W
R410	1-216-845-11	METAL CHIP	100K	5%	1/16W
R411	1-216-845-11	METAL CHIP	100K	5%	1/16W
R412	1-216-845-11	METAL CHIP	100K	5%	1/16W
R413	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R414	1-216-295-00	SHORT	0		
R419	1-216-073-00	METAL CHIP	10K	5%	1/10W
R420	1-216-073-00	METAL CHIP	10K	5%	1/10W
R421	1-216-073-00	METAL CHIP	10K	5%	1/10W
R422	1-216-081-00	METAL CHIP	22K	5%	1/10W
R423	1-216-081-00	METAL CHIP	22K	5%	1/10W
R424	1-216-081-00	METAL CHIP	22K	5%	1/10W
R425	1-216-081-00	METAL CHIP	22K	5%	1/10W
R428	1-216-073-00	METAL CHIP	10K	5%	1/10W
R429	1-216-833-11	METAL CHIP	10K	5%	1/16W
R430	1-216-833-11	METAL CHIP	10K	5%	1/16W
R431	1-216-073-00	METAL CHIP	10K	5%	1/10W
R432	1-216-833-11	METAL CHIP	10K	5%	1/16W
R433	1-216-073-00	METAL CHIP	10K	5%	1/10W
R434	1-216-081-00	METAL CHIP	22K	5%	1/10W
R435	1-216-081-00	METAL CHIP	22K	5%	1/10W
R445	1-216-073-00	METAL CHIP	10K	5%	1/10W
R446	1-216-073-00	METAL CHIP	10K	5%	1/10W
R500	1-216-097-00	RES, CHIP	100K	5%	1/10W
R501	1-216-097-00	RES, CHIP	100K	5%	1/10W
R502	1-216-097-00	RES, CHIP	100K	5%	1/10W
R503	1-216-097-00	RES, CHIP	100K	5%	1/10W
R504	1-216-101-00	METAL CHIP	150K	5%	1/10W
R506	1-216-097-00	RES, CHIP	100K	5%	1/10W
R507	1-216-097-00	RES, CHIP	100K	5%	1/10W
R508	1-216-049-11	RES, CHIP	1K	5%	1/10W
R509	1-216-073-00	METAL CHIP	10K	5%	1/10W
R510	1-216-097-00	RES, CHIP	100K	5%	1/10W

MAIN

Ref. No.	Part No.	Description			Remark
R511	1-216-194-00	METAL CHIP	680	5%	1/8W
R512	1-216-097-00	RES, CHIP	100K	5%	1/10W
R513	1-216-073-00	METAL CHIP	10K	5%	1/10W
R514	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R515	1-216-097-00	RES, CHIP	100K	5%	1/10W
R516	1-216-041-00	METAL CHIP	470	5%	1/10W
R517	1-216-097-00	RES, CHIP	100K	5%	1/10W
R521	1-216-097-00	RES, CHIP	100K	5%	1/10W
R522	1-216-097-00	RES, CHIP	100K	5%	1/10W
R523	1-216-097-00	RES, CHIP	100K	5%	1/10W
R524	1-216-097-00	RES, CHIP	100K	5%	1/10W
R525	1-216-097-00	RES, CHIP	100K	5%	1/10W
R526	1-216-097-00	RES, CHIP	100K	5%	1/10W
R527	1-216-097-00	RES, CHIP	100K	5%	1/10W
R529	1-216-833-11	METAL CHIP	10K	5%	1/16W
R530	1-216-833-11	METAL CHIP	10K	5%	1/16W
R531	1-216-839-11	METAL CHIP	33K	5%	1/16W
R532	1-216-845-11	METAL CHIP	100K	5%	1/16W
R533	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R534	1-216-001-00	METAL CHIP	10	5%	1/10W
R535	1-216-158-00	RES, CHIP	22	5%	1/8W
R536	1-216-158-00	RES, CHIP	22	5%	1/8W
R537	1-216-095-00	METAL CHIP	82K	5%	1/10W
R538	1-216-097-00	RES, CHIP	100K	5%	1/10W
R539	1-216-853-11	METAL CHIP	470K	5%	1/16W
R540	1-216-194-00	METAL CHIP	680	5%	1/8W
R541	1-216-194-00	METAL CHIP	680	5%	1/8W
R542	1-216-089-00	RES, CHIP	47K	5%	1/10W
R543	1-216-085-00	METAL CHIP	33K	5%	1/10W
R548	1-216-033-00	METAL CHIP	220	5%	1/10W
R549	1-216-033-00	METAL CHIP	220	5%	1/10W
R550	1-216-033-00	METAL CHIP	220	5%	1/10W
R556	1-216-813-11	METAL CHIP	220	5%	1/16W
R557	1-216-813-11	METAL CHIP	220	5%	1/16W
R561	1-216-024-00	RES, CHIP	91	5%	1/10W
R562	1-216-089-00	RES, CHIP	47K	5%	1/10W
R564	1-208-462-41	RES, CHIP	10K	2%	1/10W
R565	1-208-462-41	RES, CHIP	10K	2%	1/10W
R566	1-218-871-11	RES, CHIP	10K	2%	1/16W
R567	1-218-871-11	RES, CHIP	10K	2%	1/16W
R568	1-216-845-11	METAL CHIP	100K	5%	1/16W
R569	1-216-845-11	METAL CHIP	100K	5%	1/16W
R570	1-216-206-00	RES, CHIP	2.2K	5%	1/8W
R571	1-216-073-00	METAL CHIP	10K	5%	1/10W
R572	1-216-089-00	RES, CHIP	47K	5%	1/10W
R573	1-216-089-00	RES, CHIP	47K	5%	1/10W
R574	1-216-081-00	METAL CHIP	22K	5%	1/10W
R575	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R576	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R577	1-216-073-00	METAL CHIP	10K	5%	1/10W
R578	1-216-089-00	RES, CHIP	47K	5%	1/10W
R579	1-216-089-00	RES, CHIP	47K	5%	1/10W
R580	1-216-081-00	METAL CHIP	22K	5%	1/10W
R581	1-216-097-00	RES, CHIP	100K	5%	1/10W
R582	1-216-049-11	RES, CHIP	1K	5%	1/10W
R583	1-216-049-11	RES, CHIP	1K	5%	1/10W
R585	1-216-049-11	RES, CHIP	1K	5%	1/10W
R586	1-216-097-00	RES, CHIP	100K	5%	1/10W
R587	1-216-017-00	RES, CHIP	47	5%	1/10W
R588	1-216-073-00	METAL CHIP	10K	5%	1/10W
R589	1-216-025-00	RES, CHIP	100	5%	1/10W
R590	1-216-025-00	RES, CHIP	100	5%	1/10W
R591	1-216-089-00	RES, CHIP	47K	5%	1/10W
R592	1-216-097-00	RES, CHIP	100K	5%	1/10W
R593	1-216-049-11	RES, CHIP	1K	5%	1/10W
R596	1-216-097-00	RES, CHIP	100K	5%	1/10W
R601	1-216-845-11	METAL CHIP	100K	5%	1/16W
R602	1-216-049-11	RES, CHIP	1K	5%	1/10W
R603	1-216-025-00	RES, CHIP	100	5%	1/10W
R604	1-216-097-00	RES, CHIP	100K	5%	1/10W
R605	1-216-025-00	RES, CHIP	100	5%	1/10W
R606	1-216-097-00	RES, CHIP	100K	5%	1/10W
R608	1-216-025-00	RES, CHIP	100	5%	1/10W
R609	1-216-025-00	RES, CHIP	100	5%	1/10W
R610	1-216-049-11	RES, CHIP	1K	5%	1/10W
R611	1-216-049-11	RES, CHIP	1K	5%	1/10W
R612	1-216-049-11	RES, CHIP	1K	5%	1/10W
R613	1-216-049-11	RES, CHIP	1K	5%	1/10W
R614	1-216-049-11	RES, CHIP	1K	5%	1/10W
R615	1-216-049-11	RES, CHIP	1K	5%	1/10W
R616	1-216-097-00	RES, CHIP	100K	5%	1/10W
R617	1-216-097-00	RES, CHIP	100K	5%	1/10W
R618	1-216-097-00	RES, CHIP	100K	5%	1/10W
R619	1-216-049-11	RES, CHIP	1K	5%	1/10W
R620	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R621	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R623	1-216-049-11	RES, CHIP	1K	5%	1/10W
R624	1-216-097-00	RES, CHIP	100K	5%	1/10W
		< NETWORK RESISTOR >			
RB501	1-233-810-21	RES, NETWORK 100K (3216)			
RB502	1-233-810-21	RES, NETWORK 100K (3216)			
RB503	1-216-182-00	RES, CHIP NETWORK 220 (3216)			
RB504	1-233-578-11	RES, CHIP NETWORK 47K			
RB505	1-233-412-11	RES, CHIP NETWORK 1.0K (3216)			
RB506	1-216-182-00	RES, CHIP NETWORK 220 (3216)			
		< SWITCH >			
SW400	1-762-284-11	SWITCH, SLIDE (LINE OUT/IN SELECT)			
SW500	1-572-552-21	SWITCH, SLIDE (POWER SELECT)			
SW501	1-572-552-21	SWITCH, SLIDE (FREQUENCY SELECT) (E)			
SW503	1-571-754-31	SWITCH, PUSH (1 KEY) (NOSE)			
		< TRANSFORMER >			
T501	1-431-831-11	TRANSFORMER, OSCILLATION (EL)			
		< TUNER UNIT >			
TU1	A-3282-045-A	TUNER UNIT (TUX-012 (E))			
		< VIBRATOR >			
X1	1-577-126-61	VIBRATOR, CRYSTAL (7.2MHz)			
X500	1-767-833-21	VIBRATOR, CERAMIC (3.68MHz)			
X501	1-579-886-21	VIBRATOR, CRYSTAL (32kHz)			
X502	1-577-101-11	VIBRATOR, CERAMIC (4MHz)			